Secrt. H-27—40,000—27-10-52.

Development (1950) Department.

Mb SERIES.

G.O. No. 1865

Dated 8th May 1950.

FOR MYSORE STATE

[Despatch Abstract.]

G.O.No.1865/8-5-50 — Post War Development - Industries - Vanaspathy Industry - Further Expansion - Decision of the Govt. of India - Papers recorded.

Copy of letter No.107097 P&D II/49-1 dated 5-11-49 from the Secretary to Government, Development Department, Madras to the Secretary to the Govt. of India, Ministry of Agriculture, Jamnagar Houses, New Delhi.

Sub: Industries - Vanaspathi industry - Investigations on the nutritive value of vanaspathi Report.

Ref: Sri. I.P. Mathur's letter No. S & V/13(4) dated 21-1-1949.

I am directed to enquire whether the report on the results of the researches on the nutritive value of vanaspathi has been received and if so, when the Govt. of India's decisions on the further expansion of the vanaspathi industry may be expected. I am also to request that if the report is published, a copy of it may kindly be sent to this Govt. for information.

- True copy-

RR.31.

No. SV/13(4)/L-4231.

Government of India

Ministry of Agriculture.
' Jamnagar House'.

NEW DELHI, the 27th March 1950.

From

Shri. N.T. Mone, I.C.S.,
Joint Secretary to the Government of India.

To The Secretary to the Government of Madras,
Development (P.& D)Department,
Fort St. George, Madras.

Subject: FURTHER EXPANSION OF V.C.P. INDUSTRY.

Sir,

I am directed to acknowledge receipt of your letter No.107097 - P & D.II/49-2 dated 11-3-1950 on the above subject and to state that no further expansion of the Vanaspati Industry is contemplated by the Government of India.

Yours faithfully,

Sd/.....
(N.T. MONE)
JOINT SECRETARY.

DEVELOPMENT DEPARTMENT.

Endorsement No.107097 P & D.II/9-4 dated 29-3-50.

Copy commpnicated to the Director of Industries & Commerce for information.

Sd/.....

- True copy-

RR.31-7

No.SV/13(4)/L-5098
Government of India,
Ministry of Agriculture,
'Jamnagar House'.
New Delhi, the 18th April,1950.

From

The Joint Secretary to the Government of India.

To

The Secretary to the Government of Madras,
Development (P & D) Department,
Fort St. George, Madras.

Sub: Industries - Vanaspati Industry.

Sir.

With reference to your letter No.107097-P & D.II/49-5, dated the 29th March, 1950 on the above subject, I am directed to inform you that the report on the nutritive value of vanaspati has not yet been officially received from the Vanaspati Research Planning Committee, However I am to forward herewith relevant extracts from proceedings of the 5th meeting of the Vanaspati Research Planning Committee of the Technical Panel of the Ministry of Food held on the 24th November 1949, for your information.

Yours faithfully

Sd/.....
(I.P. Mathur)
Deputy Director(S & V).
for Joint Secretary.

-- True copy-

Development Department.

Endorsement No.107097 P & D.II/49-7 dated 4-5-50.

Copy communicated to the Director of Industries & Commerce S. G and the D.P.H. for information.

Sd/.....

(True copy)

To
The Director of Industries & Commerce,

The S.G. & D.P.H. Madras.

Copy to the Bd. of Revenue (C.S).

RELEVANT EXTRACTS FROM PROCEEDINGS OF THE 5TH MEETING OF THE VANASPATI RESEARCH PLANNING COMMITTEE OF THE TECHNICAL PANEL OF THE MINISTRY OF FOOD HELD ON 24TH NOVEMBER 1949.

Mr. Banerjee , Dr. Basu, Dr. Kehar and Dr. Guha under whose guidance the research work on rats was carried out at the different centres explained the salient features of the results obtained by them. Mr. Banerjee had not found any significant difference among the various fats studied. Dr. Basu got similar results but found some superiority of cow's ghi ghee over other fats in some cases. Dr. Guha reported that he had observed no differential effects of the oil and vanaspati but that in some experiments in which ghee had been fed, better reproduction (but not better lactation) and better retention of vitamin A in the liver had been observed. But these results on ghee had to be statistically examined before any definite conclusion could be drawn. Dr. Kehar stated that he had found the effect of vanaspati to be not dis-similar to that of the refined or raw groundnut oil tested.

3 In view of the results obtained, the Committee gave the following considered opinion:-

> "In comparative feeding experiments carried out, at four different research centres, on rats for three generations with raw groundnut oil, refined groundnut oil and vanaspati of melting points 37°C and 41° C, the results indicate that there is no deleterious effect produced by vanaspati as compared with the raw or refined oil".

4. In the light of the results obtained on short-term human metabolism experiments and long-term human feeding experiments carried out at different orphanages, the Committee came to the following conclusion:-

> Human feeding trials carried out at four different centres also indicate that vanaspati of melting point 37°C has no harmful effect as compared with raw groundnut Oil".

5. While the above conclusions were reached, it was considered by the Committee necessary to study further the results obtained in the different series of experiments in which different oil and fat supplements were used in the diet of the rats in order to find finer differences, if any, in the nutritive values of these oils and fats. Any conclusion in respect of the relative nutritive values of the different fats when fed along with different diets was not possible unless the data were statistically examined. Dr. Kehar had got his data analysed but he had no objection if all the data were examined at one central institute. The Committee, therefore, recommended that all the data should be sent as soon as possible to the Director of the All-India Institute of Hygiene & Public Health, Calcutta requesting him to kindly make arrangements to have the data statistically analysed and to have the results submitted by 31st Msrch, 1950-

The designations of the scientists mentioned in para 2 above are as under:-

1. Mr. B.N. Banerjee,
Acting Professor of Biochemistry,
Indian Institute of Science,
Bangalore.

2. Dr. K.P. Basu,
Dairy Chemist,
Indian Dairy Research Institute,
Bangalore.

3. Dr. N.D. Kehar,
Officer in charge.
Animal Nutrition Section,
Indian Veterinary Research Institute,
Izatnagar.

Dr. B.C. Guha,
Professor of Applied Chemistry,
University College of Science & Technology.
Calcutta.

- True copy-

R.81-7

~~Superintendent.~~

G.O .Ms.1865.
(DEVELOPMENT DEPARTMENT)
Dated : 8th May 1950.
*****

Post war Development - Industries - Vanaspathi - Further expansion- Decision of the Government of India- Papers recorded.

Sd/.....

K.V. Anthajalakshmi
S. Ramaswamy. 1119/53.

True copy.

Superintendent.